

Table I. Oligonucleotides used in overlap extension PCR (SEQ ID NOs: 20-29, respectively)

Oligo Name	Oligo Sequence
OUTPR1-Sense	5'-GCT GGG TGC AGA CAC TGT CTG AGC-3'
OUTPR2-Antisense	5'-CGC AGC CGC TCG CCC CAG CAG GCC T-3'
INTERNAL-Sense-186	5'-CCC CTG GTG <u>TAA</u> CAG GGC CGC GTG-3'
INTERNAL-Antisense-186	5'-GCG GCC CTG <u>TTA</u> CAC CAG GGG CCC-3'
INTERNAL-Sense-203	5'-GGC CAG CCG <u>TGA</u> CAG GAG CGG-3'
INTERNAL-Antisense-203	5'-CCG CTC CTG <u>TCA</u> CGG CTG GCC-3'
INTERNAL-Sense-230	5'-C GAC CGC CTG <u>TAA</u> GAG GTG AAG G-3'
INTERNAL-Antisense-230	5'-C CTT CAC CTC <u>TTA</u> CTG GTG AAG G-3'
INTERNAL-Sense-260	5'-A TTC CAG GCC <u>TAA</u> CTC AAG AGC T-3'
INTERNAL-Antisense-260	5'-A GCT CTT GAG <u>TTA</u> GGC CTG GAA T-3'

**Bold underlined bases represent the mutated codon.*